INFORMATION	Attorney Docket	SHIM-018	
DISCLOSURE STATEMENT	First Named Inventor	YAMASAKI, SHINJI	
DISCEOSORE STATEMENT	Application Number	10/581,757	
	Confirmation No.	7036	
	Filing Date	March 2, 2007	
Address to:	Group Art Unit	1653	
Commissioner for Patents P.O. Box 1450	Examiner Name	To Be Assigned	
Alexandria, VA 22313-1450	DETECTION (L DISTENDING TOXINS AND OF CAMPYLOBACTER BACTERIAS AME AS A TARGET"	

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A revised and markup Form PTO-SB/08A listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

Within the Information Disclosure Statements filed on May 15, 2007, applicants note certain typographical errors contained within the document. Those errors have been corrected on a revised Information Disclosure Statement. Also attached is a mark-up copy of the Information Disclosure Statement showing the corrections made. For the convenience of the Examiner, the errors are reiterated below as follows:

JP2154700

1990-03-26

1990-06-14

Moureau et al.

KUDOH, et al., Syouni Naika. (1997) 28(9):1219-22 29(9):1219-22

OKUDA et al., ... Infect Immun. (Feb. 1997) 65(2):2613-9 428-33

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C.§102.

No fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. KEMP-004CON may be charged thereon.

By:

Respectfully submitted,

Registration No. 28,807

Karl Bozicevic

BOZICEVIC, FIELD & FRANCIS LLP

Date:

BOZICEVIC, FIELD & FRANCIS LLP 1900 University Avenue, Suite 200

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HARK-UP VERSION PTO/SB/08a (08-03)

Approved I. .se through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

olication Number		10581757
Filing Date		2007-03-02
st Named Inventor Y	/AMA	SAKI, SHINJI
Unit		
aminer Name		
Attorney Docket Number		SHIM-018
ot L	Date Named Inventor Init miner Name	g Date Named Inventor YAMA Jnit miner Name

	U.S.PATENTS																	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D	Date	of sited Desument		Pages,Columns,Lines when Relevant Passages or Rele Figures Appear		ant								
	1	5447848		1995-09	9-05	Barns et al.		Barns et al.		US equivalent of JP 6	62-228096							
	2	5691138		1997-11	1-25	Guesdon et al.		Guesdon et al.		Guesdon et al.		Guesdon et al.		Guesdon et al.		US equivalent of JP 7	7-505535	
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			U.S.P	ATENT	APPLI	CATION PUBL	LICATIONS											
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ation	Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		int								
	1																	
If you wis	h to ac	ıdd additional U.S. Publi	shed Ap	plication	citatio	ı n information p	olease click the Add	d button.										
				FOREIG	GN PAT	ENT DOCUM	ENTS											
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patented Applicant of cited Document	Pages,Colum where Releva Passages or Figures Appe	ant . Relevant	T5								
	1	WO9842842	WO			1998-10-01	Johnson et al.	international a related to JP 2001-524825	pplication									
	2	EP0350205B1	EP			1995-02-08	Barns et al.	European equ JP 2-84200	ivalent to									

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		1058175 ⁻
Filing Date		2007-03-02
First Named Inventor	YAMA	ASAKI, SHINJI
Art Unit		
Examiner Name		
Attorney Docket Number		SHIM-018

	3	JP62228096	JP		1987-10-06	Rashtchian A.	see U.S. Patent 5447848 above	×	
	4	JP284200	JP		1990-03-26	Barns et al.	see EP0350205 above	X	
	5	JP2154700	JP		1 990-03-26 1990-0	Moureau et al.		×	
	6	JP3112498	JP		1991-05-14	Ohashi et al.		X	
	7	JP5276999	JP		1993-10-26	Matsuoka et al.		×	
	8	JP690795	JP		1994-04-05	Hayashi et al.		X	
	9	JP690796	JP		1994-04-05	Hayashi et al.		X	
	10	JP7505535	JP		1995-06-22	Guesdon et al.	see U.S. Patent 5691138 above	X	
	11	JP2000316590	JP		2000-11-21	McMillian et al.		X	
	12	JP2001524825	JP		2001-12-04	Johnson et al.	see WO9842842 above	X	
If you wis	you wish to add additional Foreign Patent Document citation information please click the Add button								

NON-PATENT LITERATURE DOCUMENTS

Application Number 1058175

Filling Date 2007-03-02

First Named Inventor YAMASAKI, SHINJI

Art Unit

SHIM-018

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T 5					
	1	Gene Bank accession no. U51121						
	2	BLASER et al., "Campylobacter Enteritis: Clinical and Epidemiologic Features" Ann. Intern. Med. (Aug. 1979) 91 (2):179-85						
	3	CORTES-BRATTI et al., "The Haemophilus ducreyi Cytolethal Distending Toxin Induces Cell Cycle Arrest and Apoptosis via the DNA Damage Checkpoint Pathways" J. Biol. Chem. (Feb. 16, 2001) 276(7):5296-302						
	4	KOPECKO et al., "Campylobacter jejuni-microtubule-dependent invasion" Trends Microbiol. (Aug. 2001) 9(8):389-96						
	5	KUDOH et al., Syouni naika. (1997) 28(9) :1219-22 29(9)						
	6	LARA-TEJERO et al., "A Bacterial Toxin That Controls Cell Cycle Progression as a Deoxyribonuclease I-Like Protein" Science (October 13, 2000) 290(5490):354-7						
	7	LARA-TEJERO et al., "Cytolethal distending toxin: limited damage as a strategy to modulate cellular functions" Trends Microbiol., (March 2002) 10(3):147-52						
If you wis	h to ac	ld additional non-patent literature document citation information please click the Add button						
EXAMINER SIGNATURE								
Examiner Signature Date Considered								
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
Standard ST	Г.3). ³ F	f USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPC or Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here.	nent.					

Examiner Name

Attorney Docket Number

English language translation is attached.

	ARKK-DPVE	RS	10N
	Application Number		105817 <i>F</i>
	Filing Date		2007-03-02
INFORMATION DISCLOSURE	First Named Inventor	YAMA	ASAKI, SHINJI
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		
(Not for submission under 37 CFR 1.99)	Examiner Name		
	Attorney Docket Number		SHIM-018

		CERTIFICATION	STATEMENT				
Plea	ase see 37 CFR 1	.97 and 1.98 to make the appropriate select	ion(s):				
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).						
OR	1						
	foreign patent of after making rea any individual de	information contained in the information of the information confice in a counterpart foreign application, are sonable inquiry, no item of information contestignated in 37 CFR 1.56(c) more than the 37 CFR 1.97(e)(2).	nd, to the knowledge of the ained in the information d	ne person signing the certification isclosure statement was known to			
		rtification statement.					
	Fee set forth in 3	7 CFR 1.17 (p) has been submitted herewit	h.				
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	ignature of the ap n of the signature.	plicant or representative is required in accor		18. Please see CFR 1.4(d) for the			
Sigr	nature	/Karl Bozicevic/	Date (YYYY-MM-DD)	2007-05-15			
Nan	ne/Print	Karl Bozicevic	Registration Number	28,807			
pub 1.14 app requ Pate FEE	lic which is to file of the fi	rmation is required by 37 CFR 1.97 and 1.98 (and by the USPTO to process) an application is estimated to take 1 hour to complete, include USPTO. Time will vary depending upon the sister of and/or suggestions for reducing this k Office, U.S. Department of Commerce, P.0 ED FORMS TO THIS ADDRESS. SEND TO	on. Confidentiality is gove uding gathering, preparing ne individual case. Any co burden, should be sent to D. Box 1450, Alexandria, \	and submitting the completed mments on the amount of time you the Chief Information Officer, U.S. VA 22313-1450. DO NOT SEND			

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
 - 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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10581757

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Application Number

INFORMATION DISCLOSURE			Filing	Filing Date		2007-03-02					
			First I	First Named Inventor YAMA		MASAKI, SHINJI					
	STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)			Art U	nit						
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				Attorr	ney Doc	ket Numb	er	SHIM-018			
					U.S.	PATENTS					
Examiner Initial*	Examiner Cite No Patent Number Kind Code ¹		Issue [Date	Name of of cited D		ntee or Applicant nent	Rele	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ation	Name of of cited D		ntee or Applicant nent	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	n	Name of Patente Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5

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(book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s),

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Examiner

Initials*

Cite

No

Application Number 1058175°
Filing Date 2007-03-02
First Named Inventor YAMASAKI, SHINJI
Art Unit

SHIM-018

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

	1	MIZUNO et al., "Characteristics of cytotoxin produced by Campylobacter jejuni strains" Microbios. (1994) 78 (317):215-28					
	2	OKUDA et al., "Examination of Diarrheagenicity of Cytolethal Distending Toxin: Suckling Mouse Response of the Products of the cdtABC Genes of Shigella dysenteriae" Infect Immun. (Feb. 1997) 65(2):2613-9					
	3	OYOFO et al., "Specific Detection of Campylobacter jejuni and Campylobacter coli by Using Polymerse Chain Reaction" J Clin Microbiol. (Oct. 1992) 30(10):2613-9					
	4	PICKETT et al., "The cytolethal distending toxin family" Trends Microbiol. (Jul. 1999) 7(7):292-7					
	5	ROMANIUK et al., "Campylobacter pylori, the Spiral Bacterium Associated with Human Gastritis, Is Not a True Campylobacter sp." J Bacteriol. (May 1987) 169(5):2137-41					
	6	SHANE et al., Diseases of Poultry, (2003) 615-30					
	7	SUZUKI et al., "Immunological properties and ganglioside recognitions by Campylobacter jejuni-enterotoxin and cholera toxin" FEMS Immunol Med Microbiol. (Mar 1994) 8(3):207-11					
	8	TAKAHASHI et al., Infectious Diseases Weekly Report Japan (2001) 3(6):10-2					
	9	TOTTEN et al., "Prevalence and Characterization of Hippurate-Negative Campylobacter jejuni in King County, Washington" J Clin Microbiol. (Sep 1987) 25(9):1747-52					
If you wis	h to ac	d additional non-patent literature document citation information please click the Add button					
		EXAMINER SIGNATURE					
Examiner	Signa	ure Date Considered					
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Examiner Name

Attorney Docket Number

Application Number 105817′
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First Named Inventor YAMASAKI, SHINJI
Art Unit

SHIM-018

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Examiner Name

Attorney Docket Number

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number 1058175

Filing Date 2007-03-02

First Named Inventor YAMASAKI, SHINJI

Art Unit

Examiner Name

Attorney Docket Number SHIM-018

CERTIFICATION STATEMENT							
Plea	Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):						
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).						
OR							
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).						
	See attached ce	rtification statement.					
	Fee set forth in 3	37 CFR 1.17 (p) has been submitted herewith	٦.				
X	None	SIGNA ⁻	TUDE				
	ignature of the ap n of the signature.	plicant or representative is required in accord		18. Please see CFR 1.4(d) for the			
Sig	nature	/Karl Bozicevic/	Date (YYYY-MM-DD)	2007-05-15			
Nar	me/Print	Karl Bozicevic	Registration Number	28,807			
pub 1.14 app requ Pat FEE	lic which is to file This collection Clication form to the Clication form to the Clication form to the Clication form to the Clication form Clication for the Clication for the	rmation is required by 37 CFR 1.97 and 1.98 (and by the USPTO to process) an application is estimated to take 1 hour to complete, include USPTO. Time will vary depending upon the is form and/or suggestions for reducing this reducing the reducing this reducing the reducing t	on. Confidentiality is gove uding gathering, preparing e individual case. Any col burden, should be sent to D. Box 1450, Alexandria, \	and submitting the completed mments on the amount of time you the Chief Information Officer, U.S. /A 22313-1450. DO NOT SEND			

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INFORMATION DISCLOSURE	First Named Inventor YAMA		ASAKI, SHINJI	
STATEMENT BY APPLICANT	Art Unit			
(Not for submission under 37 CFR 1.99)	Examiner Name			
	Attorney Docket Number		SHIM-018	
	1			

					U.S.F	PATENTS				
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	₁ Issue Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		ant
	1	5447848		1995-09	-05	Barns et al.		US eq	uivalent of JP 62-228096	
	2	5691138		1997-11	-25	Guesdon et al.		US equivalent of JP 7-505535		
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Examiner Initial*	Cite No	Foreign Document Number ³	Countr Code ²		Kind Code4	Publication Date	Applicant of cited		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T 5
	1	WO9842842	wo			1998-10-01	Johnson et al.		international application related to JP 2001-524825	
	2	EP0350205B1	EP			1995-02-08	Barns et al.		European equivalent to JP 2-84200	

(Not for submission under 37 CFR 1.99)

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First Named Inventor YAMA		SAKI, SHINJI
Art Unit		
Examiner Name		
Attorney Docket Number		SHIM-018

	3	JP62228096	JP	1987-10-06	Rashtchian A.	see U.S. Patent 5447848 above	×
	4	JP284200	JP	1990-03-26	Barns et al.	see EP0350205 above	X
	5	JP2154700	JP	1990-06-14	Moureau et al.		X
A CONTRACTOR OF THE CONTRACTOR	6	JP3112498	JP	1991-05-14	Ohashi et al.		X
	7	JP5276999	JP	1993-10-26	Matsuoka et al.		X
	8	JP690795	JP	1994-04-05	Hayashi et al.		×
	9	JP690796	JP	1994-04-05	Hayashi et al.		×
	10	JP7505535	JP	1995-06-22	Guesdon et al.	see U.S. Patent 5691138 above	×
	11	JP2000316590	JP	2000-11-21	McMillian et al.		×
	12	JP2001524825	JP	2001-12-04	Johnson et al.	see WO9842842 above	×

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Art Unit				
Examiner Name				
Attorney Docket Numb	er	SHIM-018		
First Named Inventor Art Unit Examiner Name		ASAKI, SHINJI		

Examiner Initials*	Cite No	(book, r	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							T 5									
	1	Gene Ba	Gene Bank accession no. U51121																
	2	BLASEF (2):179-8		Campyloba	acter En	nteritis:	Clinical	l and l	Epiden	niologic	Fea	atures"	Ann. In	tern. N	∕led	. (Aug.	1979) 9	91	
	3	CORTE: Apoptos	S-BRAT	TI et al., "T e DNA Dar	he Haei	mophilu heckpoi	us ducre	eyi Cyt ways"	toletha ' J. Bio	l Distend	ding . (F	g Toxir eb. 16,	Induce 2001)	s Cell 276(7):	Сус :529	cle Arre 96-302	est and		
	4	KOPEC	KOPECKO et al., "Campylobacter jejuni-microtubule-dependent invasion" Trends Microbiol. (Aug. 2001) 9(8):389-96																
	5	KUDOH et al., Syouni naika. (1997) 29(9):1219-22							×										
	6	LARA-T Science	EJERO (Octobe	et al., "A B er 13, 2000	acterial	Toxin T 490):35	That Cor 54-7	ntrols	Cell C	ycle Pro	ogre	ession	as a De	oxyribo	onu	clease	I-Like F	Protein"	
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(Not for submission under 37 CFR 1.99)

Application Number		10581757			
Filing Date		2007-03-02			
First Named Inventor YAMA		SAKI, SHINJI			
Art Unit					
Examiner Name					
Attorney Docket Number		SHIM-018			

	CERTIFICATION STATEMENT						
Plea	Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):						
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).						
OF	₹						
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).						
	See attached cer	rtification statement.					
	Fee set forth in 3	7 CFR 1.17 (p) has been submitted herewith					
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Δ.	signature of the an	SIGNAT plicant or representative is required in accord		8. Please see CFR 1.4(d) for the			
	m of the signature.						
Sig	nature	/Karl Bozicevic/	Date (YYYY-MM-DD)	2007-06-26			
Na	me/Print	Karl Bozicevic	Registration Number	28,807			
pul	This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you						

require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria,**

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- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
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- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
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	Application Number		10581757
INFORMATION DISCLOSURE	Filing Date		2007-03-02
	First Named Inventor YAMA		ASAKI, SHINJI
STATEMENT BY APPLICANT	Art Unit		
(Not for submission under 37 CFR 1.99)	Examiner Name		
	Attorney Docket Number	er	SHIM-018

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	1	MIZUNO et al., "Characteristics of cytotoxin produced by Campylobacter jejuni strains" Microbios. (1994) 78				
	2	DKUDA et al., "Examination of Diarrheagenicity of Cytolethal Distending Toxin: Suckling Mouse Response of the Products of the cdtABC Genes of Shigella dysenteriae" Infect Immun. (Feb. 1997) 65(2):428-33				
	3	DYOFO et al., "Specific Detection of Campylobacter jejuni and Campylobacter coli by Using Polymerse Chain Reaction" J Clin Microbiol. (Oct. 1992) 30(10):2613-9				
	4	PICKETT et al., "The cytolethal distending toxin family" Trends Microbiol. (Jul. 1999) 7(7):292-7				
	5	ROMANIUK et al., "Campylobacter pylori, the Spiral Bacterium Associated with Human Gastritis, Is Not a True Campylobacter sp." J Bacteriol. (May 1987) 169(5):2137-41				
	6	SHANE et al., Diseases of Poultry, (2003) 615-30				
	7	SUZUKI et al., "Immunological properties and ganglioside recognitions by Campylobacter jejuni-enterotoxin and cholera toxin" FEMS Immunol Med Microbiol. (Mar 1994) 8(3):207-11				
	8	TAKAHASHI et al., Infectious Diseases Weekly Report Japan (2001) 3(6):10-2				
	9	TOTTEN et al., "Prevalence and Characterization of Hippurate-Negative Campylobacter jejuni in King County, Washington" J Clin Microbiol. (Sep 1987) 25(9):1747-52				
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Examiner	Signa	ure Date Considered				
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See attached certification statement.				
Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.				
▼ None				
SIGNATURE A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.				
Signature	/Karl Bozicevic/	Date (YYYY-MM-DD)	2007-06-26	
Name/Print	Karl Bozicevic	Registration Number	28,807	
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